

9 an anode control circuit connected between said anode wires and said
10 current source, for discharging said stored charge from said EL elements, and for
11 controlling respective current flow into said anode wires,

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could
12 a cathode control circuit connected between said cathode wires and said
13 voltage source, for discharging said stored charge from said EL elements, and for
14 controlling respective voltages at said cathode wires,

15 a display controller for controlling said anode control circuit and said cathode
16 control circuit, said display controller including a setting unit for setting a discharge
17 time for which said stored charge is discharged from said EL elements before light
18 emission of said EL elements.

B2 Sub
G2
4. (Amended) The display device of claim 16, wherein the discharge
time R_t is set to satisfy the relation of

$$R_t < B \times T_x \text{ (where } 1 < B < 10 \text{)}$$

4 where R_t is the discharge time of actual discharge, and T_x is the discharge
5 time

Sub
C3
5. (Amended) A method of driving a display device, said method
comprising the steps of:

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Cont
6 providing a display device having a plurality of cathode wires, a plurality of
4 anode wires arranged in a matrix shape together with said plurality of cathode
5 wires, and electroluminescence (EL) elements disposed between said plurality of
6 cathode wires and anode wires, and an electrical charge is stored in said EL
7 elements,

8 discharging said stored charge from said EL elements,

9 controlling respective current flow into said anode wires,

10 controlling respective voltages at said cathode wires, and

11 setting a discharge time for which said stored charge is discharged from said
12 EL elements before light emission of said EL elements.

Sub C5
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1 7. (Amended) The display device of claim 1, wherein Tf is the rise time
2 of an EL element accumulating the charge sufficiently, and Te is the rise time of an
3 EL element having no charge accumulated in the EL element or almost no charge
4 accumulated, being in the relation of

5
$$T_p = K \times (T_f - T_e) + T_e \quad (\text{where } 0 < K < 0.5)$$

6 and the rise time Tp to satisfy this relation is determined, and further supposing the
7 discharge time corresponding to said rise time Tp to be Ty, and the discharge time
8 of actual discharge to be Rt, the discharge time Rt is set to satisfy the relation of

9
$$T_y \leq R_t.$$

Sub C7
B5
1 9. (Amended) The method of driving a display device according to
2 claim 5, wherein Tf is the rise time of said EL elements accumulating the charge
3 sufficiently in said EL elements, and Te is the rise time of said EL elements having
4 no charge accumulated in elements or almost no charge accumulated, and the rise
5 time Tp is determined by the relation

6
$$T_p = K \times (T_f - T_e) + T_e \quad (\text{where } 0 < K < 0.5)$$

7 and the discharge time corresponding to said rise time Tp is Ty, and the discharge
8 time of actual discharge is Rt, then the discharge time Rt is set to satisfy the
9 relation of

10
$$T_y \leq R_t.$$

B5
Cmt
1 13. (Amended) The method of driving a display device according to claim
2 5, wherein with the maximum value of the discharge current value flowing by
3 discharge of said accumulated charge being Ip, and the time required for the
4 discharge current to reach the discharge current value Id to satisfy

5 $I_d = D \times I_p$ (where $0 < D < 0.3$)

6 being T_z , and the actual discharge time being R_t , the discharge time R_t is set to
7 satisfy the relation of

8 $T_z \leq R_t$.

Please add the following new claims 16 and 17:

1 16. (Newly Added) The display device of claim 1,

2 wherein a luminance (L_p) of light emitted by said EL elements storing
3 substantially no electrical charge and a luminance (L_e) of actual light emitted by
4 said EL elements satisfy the relationship of:

5 $L_p \geq 0.9 \times L_e$, and

6 wherein a discharge time (T_x) for said EL elements to emit light of the
7 luminance L_p and the discharge time (R_t) satisfy the relationship of:

8 $T_z \leq R_t$.

17. (Newly Added) The method of driving a display device according to
claim 5, wherein with the luminance of said EL elements when emitting light in no-
charge or almost no-charge accumulated state being L_e , and the luminance by
actual light emission being L_p , and L_e and L_p in the relation of

$$L_p \geq 0.9 \times L_e$$

and the discharge time to satisfy this relation to be T_x , the discharge time R_t of
actual discharge is determined by satisfying the relation of

$$T_x \leq R_t.$$